

J62Y PRODUCT SPECIFICATION

DESCRIPTION

The J62 is a double pole in-line 110 volt (55-0-55) portable RCD (IPRCD) in the form of a heavy duty 16 amp in-line device, intended for connection to appropriate plugs, sockets, connectors or appliances. It is designed and manufactured to meet the relevant clauses of IEC61540.

CLASSIFICATION

In-line portable RCD.
Double pole.
Electrically latched (trips with loss of supply).
Rewirable
For use with both Class 1 and 2 devices.
Capable of being switched on load.

RATING

VOLTAGE	110 V AC, (55-0-55)
CURRENT	16A max (with suitable overload protection)
LOAD	3.8kw max.
FREQUENCY	50/60Hz
ENVIRONMENTAL PROTECTION	IP65 (If cable connection compartments sealed with supplied sealant).
TRIPPING CURRENT	30mA max. (25mA typical.)
NON-TRIPPING CURRENT	15mA max.
TRIPPING SPEED	40m.sec max (@150mA) <30m.sec typical (@150mA)/200m.sec max (@30mA)

CIRCUIT FAULT BREAKING	
CURRENT	1500A
EARTH FAULT BREAKING	
CURRENT	250A
ISOLATION	3mm min (L and N input to output).
POWER CONSUMPTION	<1 watt typical (@110 Vac).
FLAMMABILITY	Flame retardant.
ENDURANCE	2000 operating cycles min.
WEIGHT	Approx. 450 gms typical.
SIZE	162mm x 51mm x 47mm
COLOUR	Yellow

DESIGN FEATURES

Additional Safety Indication	Loss of neutral and/or line supply (unit will trip). Loss of earth supply (unit will continue to provide RCD protection). Reverse polarity of supply (unit will continue to provide RCD protection).
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TRIP INDICATION	Mechanical flag (Red-On/Black – Off)
RCD TEST FACILITY	Test button fitted.
DC COMPONENT	Unit will respond.
EXTERNAL CASING MATERIAL	High impact thermoplastic polycarbonate. (Yellow)
CABLES FITTED	None, customer can connect own cable required.

INSTALLATION & TESTING SYSTEM

The J62Y in-line portable RCD should only be used with industrial plugs and sockets to BS4343, as defined in the Wiring Regulations, not exceeding 16 amps.

POSITION FOR NORMAL USE	Not position sensitive.
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LEAD CONNECTION	Connect input to suitable plug, and output to a suitable socket-outlet or connector. Observe wire colour code given on instruction card and size and suitable cord to the appropriate British Standards as defined in the Wiring Regulations.
<u>FUSING</u>	The J62Y In-line portable RCD should be protected by a fuse or equivalent overload protective device (M.C.B. etc) not exceeding a 16 amp rating.
<u>ROUTINE TESTING</u>	<p>The J62Y in-line portable RCD should be tested regularly each time before use as follows:</p> <ol style="list-style-type: none"> 1. Switch on power, press reset button. 2. Window indicator will turn red. 3. Press Test button. 4. Window indicator will turn black. This means the RCD has tripped successfully. 5. To reset, press reset button and use normally. If indicator fails to work, do not use.
FULL RCD PERFORMANCE TEST	110Volt (55-0-55) RCD Testers are available for this purpose.
TERMINATION	Customer wireable
CIRCUIT INSTALLATION RESISTANCE AND EARTH LOOP IMPENDANCE TESTING	The J62Y in-line portable RCD should be in the tripped (black indicator) position (automatically assumed without for these tests.
<u>SERVICE CONDITIONS</u> TEMPERATURE ALTITUDE ABNORMAL CONDITIONS	<p>-5C TO +40C 2000m max (above sea level) Avoid pollution, fumes, salt laden spray, periods of high humidity>95 degrees relative humidity (R.H.).</p>